

**EXACT ENGLISH LANGUAGE  
TRANSLATION OF THE PCT  
APPLICATION AS  
ORIGINALLY FILED  
WITH SEQUENCE LISTING  
AND ABSTRACT**

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/11560

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> C12N15/13, C07K16/24, A61K39/395, 47/48, A61P9/10,  
29/00, 37/06, 43/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> C12N15/13, C07K16/24, A61K39/395, 47/48, A61P9/10,  
29/00, 37/06, 43/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

SwissProt/PIR/GeneSeq, GenBank/EMBL/DBJ/GeneSeq, BIOSIS/WPI (DIALOG),  
REGISTRY (STN)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 9-67399 A (Mitsui Toatsu Chemicals, Inc.), 11 March, 1997 (11.03.97), Full text (Family: none)	1-17
Y	YOSHIMURA, T. et al., Production and character- ization of mouse monoclonal antibodies against human monocyte chemoattractant protein-1, J. Immunol., 1991, 147(7), p.2229-33	1-17
Y	SYLVESTER I. et al., Neutrophil attractant protein-1 and monocyte chemoattractant protein-1 in human serum. Effects of intravenous lipopolysaccharide on free attractants, specific IgG autoantibodies and immune complexes., J. Immunol., 1993, 151(6), p.3292-8	1-17

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
02 December, 2003 (02.12.03)

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24 December, 2003 (24.12.03)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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International application No.

PCT/JP03/11560

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MARKS J.D. et al., By-passing immunization. Human antibodies from V-gene libraries displayed on phage., J.Mol.Biol., 1991, 222(3), p.581-97	1-17
A	WO 01/89582 A1 (Takeda Chemical Industries, Ltd.), 29 November, 2001 (29.11.01), Full text & JP 2002-47203 A & US 2003/0162737 A1	1-17
A	JP 2000-297098 A (Welfide Corp.), 24 October, 2000 (24.10.00), Full text (Family: none)	1-17
A	KAJI, M. et al., Analysis of peptide motifs recognized with anti-MCP-1 monoclonal antibody., Peptide Science, 1999, pages 33 to 36	1-17
A	KAJI, M. et al., Peptide mimics of monocyte chemoattractant protein-1 (MCP-1) with an antagonistic activity., J.Biochem. (Tokyo), 2001, 129(4), p.577-83	1-17